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Attorney Docket No. 1614.1085

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Syuichi SATAKE

Group Art Unit:

Application No.:

Examiner:

Filed: October 11, 2000

For: APPARATUS AND METHOD FOR AUTHENTICATING DIGITAL SIGNATURES AND
COMPUTER-READABLE RECORDING MEDIUM THEREOF**INFORMATION DISCLOSURE STATEMENT**Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of a Search Report or Official Action from a counterpart foreign application or the PCT International Search Report.
- 1d. ☒ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).

2. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:*(Check appropriate Items 2a, 2b, 2c and/or 2d)*

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)
- 2b. ☐ set forth in the application.

2c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.

2d. ☒ enclosed as Attachment 1(e), hereto.

3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1614.1085	APPLICATION NO.
	FIRST NAMED INVENTOR Syuichi SATAKE	
	FILING DATE October 11, 2000	GROUP ART UNIT

U.S. PRO
09/685859
10/11/00

Neither of the references discloses and apparatus for authenticating a digital signature in which a signature generating part encrypts a digital document by using a private key defined by a signer and digest information for checking whether the digital document has been tampered with, and generates a digital signature, a signature synthesizing part creates image information by synthesizing the digital signature and a predetermined mark and then an image embedding part embeds the image information created by said signature synthesizing part into an indicated position in the digital document.